

5-2802

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/869,894

DATE: 07/19/2001

TIME: 12:28:06

Input Set : A:\PTO_VSK.txt

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4 <110> APPLICANT: Ackermann, Elizabeth J.
5 Bennett, C. Frank
6 Dean, Nicholas M.
7 Marcusson, Eric G.
8 Isis Pharmaceuticals, Inc.
10 <120> TITLE OF INVENTION: Antisense Modulation of Novel Anti-apoptotic bcl-2-Related
11 Proteins
W--> 12 <130> FILE REFERENCE: ISPH-0432
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/869,894
C--> 15 <141> CURRENT FILING DATE: 2001-07-06
17 <150> PRIOR APPLICATION NUMBER: 09/226,568
18 <151> PRIOR FILING DATE: 1999-01-07
20 <160> NUMBER OF SEQ ID NOS: 40
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25 <211> LENGTH: 780
26 <212> TYPE: DNA
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33 gactatctgc agtgcgtcct acagatacca caacctggat caggtccaag caaacgctcc 180
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42 aaacgattgc caacacatac ttctactttt aaataaacia ctttgatgat gtaacttgac 720
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61 <220> FEATURE:
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182 <220> FEATURE:
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212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
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232   ttgggggccc gcagcggcgg cgccacccgc ccgggagggc gacttttggc tacggagaag 180
233   gaggcctcgg ccgcggcgaga gataggggga ggggaggccg gcgcggtgat tggcggaagc 240
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242   cagcgcaacc acgagacggt cttccaaggc atgcttcgga aactggacat caaaaacgaa 780
243   gacgatgtga aatcgttgtc tcgagtgtat atccatgttt tcagcgacgg cgtaacaaac 840
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255   agtgtttaaga gaagcactaa gaatgccagt gacctgtgta aaagttacaa gtaatagaac 1560
256   tatgactgta agcctcagta ctgtacaagg gaagcttttc ctctctctaa ttagctttcc 1620

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259  cagtaattag ttatgaatat ggatatacctc aattcttaag acagcttgta aatgtatttg 1800
260  taaaaattgt atatatTTTT acagaaagtc tatttccttg aaacgaagga agtatcgaat 1860
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267  aatactcatt tgagttcctt ccatttgacc taatttaact ggtgaaattt aaagtgaatt 2280
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294  caactacaaa ttaatgttgg ttgtcaaatg tagtgtgttt ccctaacttt ctgtttttcc 3900
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VERIFICATION SUMMARY

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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date